

STATEMENT OF SUBSTANCE OF INTERVIEW

Applicant's representative would like to thank Examiner Bareford for extending the courtesy of a telephonic interview on October 24, 2006 to discuss this case. The following recordation of the substance of the interview is believed to be complete and proper, in accordance with MPEP 713.04. It is requested that the Examiner notify the undersigned if she believes this Statement contains any inaccuracies or if the Examiner believes the Statement is otherwise not complete and proper.

Telephone interview participants: (1) Examiner Katherine A. Bareford; and (2) Applicant's attorney, Adonis A. Neblett.

No exhibit or demonstration was shown during the interview - the interview was telephonic.

Claims 38, 40, 44 and 52 amongst others were discussed during the interview.

U.S. Patent Nos. 5,707,326 (Hyllberg) and 4,957,058 (Boguslavsky et al.) were discussed during the interview.

During the Interview, the Examiner's comments on Applicant's arguments filed March 14, 2006 were discussed. Specifically, Applicant's representative noted that: (1) The cylindrical target may be a sputtering target or magnetron sputtering target, and (2) The stopping and restarting step is carried out during the plasma spraying step so that the spraying of particles is continued during the stopping and restarting of target motion. Also discussed was electronic control or regulation of the stopping and restarting of target motion and of the varying of target motion.

While no agreement as to patentability was solicited or reached during the interview, it was agreed that the discussed cited references did not appear to contain teaching meeting any one of the two above statements noted by Applicant's representative.

No other pertinent matters were discussed during the interview.

REMARKS

Applicant has carefully reviewed the Final Office Action mailed April 26, 2006. By this Amendment After Final, claims 39, 44, and 45 are amended and claims 1 - 38, 40 and 52 are canceled, and new claims 53 and 54 are added. With entry of this Amendment, claims 39, 41-50, 53 and 54 are pending in this application. Applicant has amended the claims solely to advance prosecution of the instant application and to obtain allowance the earliest possible date. Accordingly, no admission may be inferred from the amendments of claims herein. Applicant expressly reserves the right to pursue the originally filed claims in the future.

Applicant submits that no new the subject matter has been introduced into the claims by the present amendment and that the claim limitations introduced by amendment and the subject matter of new claims 53 and 54 are supported by the specification, claims and drawings. With respect to amendment identifying the cylindrical target as a “sputtering target,” support for the amendment can be found in the specification generally and more specifically, at page 1, lines 6-10; page 2, lines 10-11; pages 8, lines 14-16; and page 21, lines 7-11 amongst other places. With respect to the amendment of claims 39, 44 and 52 reciting that the target motion is either stopped and restarted or varied during the plasma spraying step, support for the amendments can be found, amongst other places, in the specification, at page 5, line 5 to page 6, line 4; page 14, line 12 to page 15, line 20; and page 18, line 18 to page 19, line 6.

Applicant has canceled claim 52 and re-presented it as new claim 53 for ease of organization. New claim 53 contains all the limitations of canceled claim 52; however, the order in which the steps are presented have been changed for the practical purpose of clarifying the stopping and restarting step. Specifically, “step c.” has been moved to the bottom of the list, “starting and stopping” has been rephrased “stopping and restarting” and it is noted that the step is carried out during the plasma spraying step.. New claim 54 contains all the limitations of

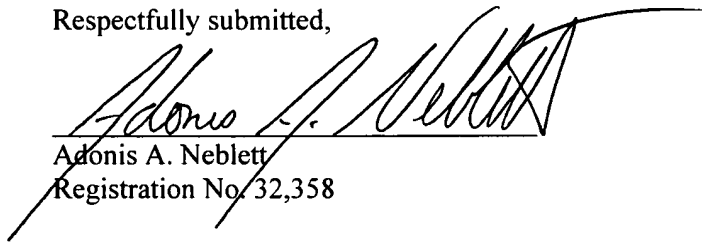
amended claim 39, differing only in the language of step e., reciting the step of varying the motion of the sputtering target during the plasma spraying step.

Applicant submits that neither Hyllberg nor Boguslavsky relates to methods of uniformly coating a cylindrical sputtering target. Further, Applicant submits that neither Hyllberg nor Boguslavsky, alone or in combination, teach or suggest either stopping and restarting the motion of a cylindrical sputtering target during the plasma spraying step or varying the rate of target motion during the plasma spraying step

In view of the foregoing, it is submitted that this application is in condition for allowance. Favorable consideration and prompt allowance of the application are respectfully requested. While new claims have been added, Applicant believes that no additional fee is due as a result of adding new claims. However, the Commissioner is hereby authorized to charge any additional filing fees required to Deposit Account No. 061910.

If the Examiner believes that an Examiner's amendment would put this application in condition for allowance or would like to discuss this submission for any reason, Applicant would welcome the Examiner's input and respectfully requests a telephonic interview. The Examiner may contact the undersigned at (612) 492-7049 to schedule such an interview if necessary.

Respectfully submitted,



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Please grant any extension of time necessary for entry; charge any fee due to Deposit Account No. 06-1910.

CERTIFICATE OF MAILING

I hereby certify that this document is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450 on

10/25/06
Date of Deposit

Joyce Thomas
Name: Joyce Thomas

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